

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/575,655  
Source: IFWO  
Date Processed by STIC: 03/08/2007

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 03/08/2007

PATENT APPLICATION: US/10/575,655

TIME: 11:01:59

Input Set : F:\53223-20015.00 - Seqlist.txt

Output Set: N:\CRF4\03082007\J575655.raw

4 <110> APPLICANT: SIDDIQUI-JAIN, Adam  
 5 STREINER, Nicole  
 6 RICE, William G.  
 8 <120> TITLE OF INVENTION: COMPETITION ASSAY FOR IDENTIFYING  
 9 MODULATORS OF QUADRUPLEX NUCLEIC ACIDS  
 12 <130> FILE REFERENCE: 532232001500  
 14 <140> CURRENT APPLICATION NUMBER: US 10/575,655  
 C--> 15 <141> CURRENT FILING DATE: 2006-04-14  
 17 <150> PRIOR APPLICATION NUMBER: PCT/US2004/033401  
 18 <151> PRIOR FILING DATE: 2004-10-07  
 20 <150> PRIOR APPLICATION NUMBER: US 60/511,250  
 21 <151> PRIOR FILING DATE: 2003-10-14  
 23 <160> NUMBER OF SEQ ID NOS: 28  
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 27  
 29 <212> TYPE: DNA  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Primer  
 35 <400> SEQUENCE: 1  
 36 tggggagggt ggggagggtg gggaagg 27  
 38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 37  
 40 <212> TYPE: DNA  
 41 <213> ORGANISM: Artificial Sequence  
 43 <220> FEATURE:  
 44 <223> OTHER INFORMATION: Primer  
 46 <400> SEQUENCE: 2  
 47 gggggggggg gggcgggggc gggggcgggg gaggggt 37  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 57  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Artificial Sequence  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: Primer  
 57 <400> SEQUENCE: 3  
 58 gggggggggac gcgggagctg ggggagggt tggggccagg gcggggcgct taggggg 57  
 60 <210> SEQ ID NO: 4  
 61 <211> LENGTH: 28  
 62 <212> TYPE: DNA  
 63 <213> ORGANISM: Artificial Sequence  
 65 <220> FEATURE:

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66 <223> OTHER INFORMATION: Primer
68 <400> SEQUENCE: 4
69 aggaagggga gggccggggg gaggtggc 28
71 <210> SEQ ID NO: 5
72 <211> LENGTH: 20
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Primer
79 <400> SEQUENCE: 5
80 gggggcgggg cggggcgggg 20
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 25
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Primer
90 <400> SEQUENCE: 6
91 gggaggaagg gggcgggagt cgggg 25
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 30
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Primer
101 <400> SEQUENCE: 7
102 ggggacgcgg gcgggggagg ggggagggcg 30
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 34
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Primer
112 <400> SEQUENCE: 8
113 gggagggagg gaaggaggga gggagggagg gagc 34
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Primer
123 <400> SEQUENCE: 9
124 gggggcgggg cggggcgggg 20
126 <210> SEQ ID NO: 10
127 <211> LENGTH: 27
128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Primer

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134 <400> SEQUENCE: 10
135 ggaggaggag gaagaggagg aggaggc 27
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 12
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Primer
145 <400> SEQUENCE: 11
146 ggaggaggag ga 12
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 38
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Primer
156 <400> SEQUENCE: 12
157 agagaagagg ggaggaggag gaggagagga ggaggcgc 38
159 <210> SEQ ID NO: 13
160 <211> LENGTH: 13
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Primer
167 <400> SEQUENCE: 13
168 ggagggggag ggg 13
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 28
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Primer
178 <400> SEQUENCE: 14
179 aggagaagga ggaggtggag gaggaggg 28
181 <210> SEQ ID NO: 15
182 <211> LENGTH: 32
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Primer
189 <400> SEQUENCE: 15
190 ggaggaggaa gaatgcgagg aggagggagg ag 32
192 <210> SEQ ID NO: 16
193 <211> LENGTH: 40
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Primer
200 <400> SEQUENCE: 16

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201 cccggggcg gcccggggcg ggggtcccggc gggggcggag          40
203 <210> SEQ ID NO: 17
204 <211> LENGTH: 25
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Primer
211 <400> SEQUENCE: 17
212 ccgaaggagg aaggaggagg agggg          25
214 <210> SEQ ID NO: 18
215 <211> LENGTH: 11
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Primer
222 <400> SEQUENCE: 18
223 ggaggaggag g          11
225 <210> SEQ ID NO: 19
226 <211> LENGTH: 15
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Primer
233 <400> SEQUENCE: 19
234 tccaactatg tatac          15
236 <210> SEQ ID NO: 20
237 <211> LENGTH: 35
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Primer
244 <400> SEQUENCE: 20
245 ttagcgacac gcaattgcta tagtgagtcg tatta          35
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 45
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Primer
255 <400> SEQUENCE: 21
256 agtctgactg actgtacgta gctaatacga ctcaactatag caatt          45
258 <210> SEQ ID NO: 22
259 <211> LENGTH: 99
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Primer
266 <400> SEQUENCE: 22
267 tccaactatg tatactgggg aggggtgggga ggggtggggaa ggtagcgac acgcaattgc 60

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268 tatagtgagt cgtattagct acgtacagtc agtcagact          99
270 <210> SEQ ID NO: 23
271 <211> LENGTH: 39
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Primer
278 <400> SEQUENCE: 23
279 agtctgactg actgtacgta gctaatacga ctcactata          39
281 <210> SEQ ID NO: 24
282 <211> LENGTH: 84
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Primer
289 <400> SEQUENCE: 24
290 tccaactatc tatactgggg aggggtgggga ggggtggggaa ggttagcgac acgcaattgc 60
291 tatagtgagt cggtattact atca          84
293 <210> SEQ ID NO: 25
294 <211> LENGTH: 27
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Primer
301 <400> SEQUENCE: 25
302 tggggagggt ggggagggtg gggaagg          27
304 <210> SEQ ID NO: 26
305 <211> LENGTH: 31
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Primer
312 <400> SEQUENCE: 26
313 gggggggcgg gggcgggggc gggggagggg c          31
315 <210> SEQ ID NO: 27
316 <211> LENGTH: 31
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Primer
323 <400> SEQUENCE: 27
324 gcgcggggag gggagagggg gcgggagcgc g          31
326 <210> SEQ ID NO: 28
327 <211> LENGTH: 25
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Primer
334 <400> SEQUENCE: 28

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/575,655

DATE: 03/08/2007

TIME: 11:02:01

Input Set : F:\53223-20015.00 - Seqlist.txt

Output Set: N:\CRF4\03082007\J575655.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date